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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Jeffrey Tarvin

Serial No.: 10/711,918

Filed: October 13, 2004

For: System and Method to Interpret Distributed  
Temperature Sensor Data and to Determine a Flow  
Rate in a Well

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Group Art Unit: 3676

Examiner: DiTrani, Angela M.

Atty. Docket: 101.0166

Commissioner  
for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

November 27, 2007

Date

Robert A. Van Someren

**REPLY AND AMENDMENT**

Dear Sir:

In response to the Office Action mailed August 27, 2007, Applicants submit the following:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.